**Scope of Work for Kitchen**

**MEP Design Engineering Services**

1. **Project Planning and Coordination**
	* Conduct initial project assessment and gather detailed requirements
	* Coordinate closely with kitchen design and back area operations teams
	* Develop a comprehensive project plan and timeline
2. **Mechanical Engineering Services**
	* Design and layout of HVAC systems tailored for kitchen environments
	* Plan and integrate ventilation and exhaust systems to ensure proper air quality and safety
	* Design refrigeration systems and integrate with kitchen layout
	* Select and specify kitchen equipment with precise mechanical requirements
3. **Electrical Engineering Services**
	* Perform electrical load calculations specific to kitchen equipment and layout
	* Design electrical distribution systems, including circuit panels and wiring plans
	* Plan and design lighting systems for optimal visibility and energy efficiency
	* Integrate power supply systems for kitchen and back area equipment
	* Ensure installation of safety and emergency systems, including backup power
4. **Plumbing Engineering Services**
	* Design water supply and distribution systems to meet kitchen needs
	* Plan and integrate wastewater and drainage systems for kitchen and back areas
	* Design and install gas supply and distribution systems for kitchen equipment
	* Plan hot water systems tailored for kitchen usage
5. **Fire Protection Engineering**
	* Design fire suppression systems specifically for kitchen environments
	* Plan and integrate fire alarm and detection systems
	* Ensure compliance with local fire safety regulations and standards
6. **Quality Assurance and Quality Control (QA/QC)**
	* Develop QA/QC plans and procedures specific to kitchen projects
	* Conduct regular site inspections and audits to ensure quality and compliance
	* Maintain documentation and reporting throughout the project lifecycle
	* Ensure all installations meet project specifications and standards
7. **Project Management**
	* Manage project timeline and key milestones
	* Coordinate with contractors, suppliers, and stakeholders to ensure smooth execution
	* Manage project budget and control costs effectively
	* Provide regular progress updates and conduct status meetings
8. **Handover and Finalization**
	* Perform final inspection and testing of all systems
	* Prepare as-built drawings and complete project documentation
	* Handover the fully operational kitchen to the client
	* Provide post-handover support, including training for operational staff

**Project Duration: 2 Months**

* + This detailed scope of work ensures a thorough and professional approach to kitchen MEP design engineering services, covering all essential aspects from planning to handover.